

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.15**SOURCE INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-000062**Date Inspected:** 14-May-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 800**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**Quality Control Contact:** Hu Gang**Quality Control Present:** Yes No**Material transfer:** Yes No N/A**Sampled Items:** Yes No N/A**Stock Transfer:** Yes No N/A**OK to Cut:** Yes No N/A**Rebar Test Witness:** Yes No N/A**Delayed/Cancelled:** Yes No N/A**Other:** N/A**Bridge No:** 34-0006**Component:** N/A**Bid Item:** 52**Lot No:** N/A**Summary of Items Observed:**

The CALTRANS Quality Assurance (QA) Inspector, Alfredo Acuna was present to observe quality control functions related to welding, testing and fabrication of the mock-ups at the Zhenhua Port Machinery Company (ZPMC) facility on Changxing Island for the San Francisco Oakland Bay Self Anchored Suspension Bridge.

The QA inspector observed approximately seventy four (74) ZPMC shop personnel performing fabrication activities on elevation 77.000 (diaphragm 3B), elevation 89.000 (diaphragm 2C), elevation 114.000 (tower splice) at the ZPMC OBG workshop.

The QA inspector observed nineteen (19) ZPMC shop personnel performing activities associated with the welding of the close rib (welding a test plate) at the Gantry submerged arc welding machine (SAW).

The QA inspector observed ZPMC, ABF, Inspectech and Bureau Veritas inspectors performing observations and inspections.

The digital photos below show ZPMC performing fabrication activities on the mock-up for the diaphragm 3B at the elevation 77 meters (left side) and ZPMC test plate used for practicing before welding the actual procedure qualification test according D1.5.2002 at the the SAW Gantry machine (right side).

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Summary of Conversations:

The QA inspector did not have any significant conversation on this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

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| Inspected By: | Acuna,Alfredo | Quality Assurance Inspector |
| Reviewed By: | McClary,David | QA Reviewer |
